Index of Claims

| A | opli | cati | on/ | Con | trol | No. |
|---|------|------|-----|-----|------|-----|
|   |      |      |     |     |      |     |

10/003,789

Examiner

Quynh H. Nguyen

Applicant(s)/Patent under Reexamination

CELI ET AL.

Art Unit

2642

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla             | aim      | Date         |          |               |          |  | Claim Date |                 |                     |          |        |   |          | CI              | aim      | Date     |          |          |               |         |                                |       |              |          |          |                 |          |          |          |           |               |          |          |
|-----------------|----------|--------------|----------|---------------|----------|--|------------|-----------------|---------------------|----------|--------|---|----------|-----------------|----------|----------|----------|----------|---------------|---------|--------------------------------|-------|--------------|----------|----------|-----------------|----------|----------|----------|-----------|---------------|----------|----------|
|                 |          | _            |          | Γ.,           |          | T  |            |                 | П                   |          |        |   |          | П               |          |          |          |          |               | $\top$  | T                              |       |              |          |          |                 |          |          |          |           |               |          | П        |
| ত               | Original | 10/14/03     | 4/14/04  | 11/10/04      | 9/6/9    | 11/23/05   |            | l               | 1 1                 |          |        | ख                                       | Original | ΙI              |          |          | - 1      |          |               |         |                                |       | ਕ            | Original |          |                 |          |          |          |           |               |          | . 1      |
| Final           | Ē        | =            | 14       | ۲             | 6,       | 12   |            |                 |                     |          |        | Final                                   | iĝ       |                 |          |          |          | -        |               |         |                                |       | Final        | Ē        |          |                 |          |          |          |           | l             |          | ıl       |
| -               | Õ        | 2            | 4        | 7             | ۱۳       | ξ  |            |                 | Ιİ                  |          |        | -                                       | Ō        | ΙI              | 1        |          |          |          |               | ı       |                                |       | _            | Õ        |          |                 |          |          |          |           |               |          | . 1      |
| <b>-</b>        | 1        | V            | V        | V             | V        | V  | ┢          | ┢               | ╁┼                  |          |        | _                                       | 51       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -+       |               | +-      | +-                             |       | <del> </del> | 101      | -        | $\vdash$        | $\dashv$ | $\dashv$ |          | -         | $\dashv$      | $\dashv$ | $\vdash$ |
| -               | _        | v            | v        |               | V        | v  | $\vdash$   | $\vdash$        | ₩                   |          |        |   |          | $\vdash$        | -        | $\dashv$ | +        | -+       |               | +       | +                              |       |              |          | -        | Н               |          | -        |          | _         | $\rightarrow$ | $\dashv$ | $\dashv$ |
| ļ               | 2        |              |          | <b>&gt;</b> ; |          |  | ⊢          | ⊢               | $\vdash$            | _        |        |   | 52       | $\vdash$        | -+       |          | -        |          |               | +       | +                              |       |              | 102      | _        | Н               |          |          |          | Ш         | $\vdash$      |          | $\vdash$ |
| <b>—</b>        | 3        | ٧            | ٧        | ٧             | ٧        | ٧  | ļ          | ┞               | $\vdash$            | _        |        |   | 53       |                 |          | -        | -        |          |               | -       |                                |       |              | 103      | $\vdash$ | Ш               |          |          |          |           | $\Box$        |          |          |
| L               | 4        | ٧            | ٧        | ٧             | ٧        | ٧  | ┡          | <u> </u>        |                     |          |        |   | 54       | Ш               |          | -        | 4        | -        | -             | _       | ╨                              |       |              | 104      | _        | Ш               | _        | $\Box$   |          |           | _             |          | _        |
|                 | 5        | ٧            | ٧        | ٧             | <u>v</u> | V  | _          | L               | Ш                   |          |        |   | 55       | $\sqcup$        | _        | 4        | 4        | _        | _             | 4       | $\perp$                        |       |              | 105      |          |                 | _        | _        |          | Щ         | $\Box$        | _        | Ш        |
| <b></b>         | 6        | ٧            | ٧        | ٧             | ٧        | V  | L          | Ш               | $\sqcup$            | _        |        |   | 56       | Ш               | _        | _        | _        | _        |               |         |                                |       |              | 106      |          | Ш               |          |          |          |           |               | _        | Ш        |
|                 | 7        | ٧            | ٧        | ٧             | >        | <u> </u>   |            |                 |                     | _        |        |   | 57       | Ш               |          |          |          | $\perp$  |               |         |                                |       |              | 107      |          |                 |          |          |          |           |               |          | Ш        |
|                 | 8        | ٧            | ٧        | >             | >        | ٧  |            |                 |                     |          |        |   | 58       |                 |          |          |          |          |               |         |                                |       |              | 108      |          |                 |          |          |          |           |               |          |          |
|                 | 9        | ٧            | ٧        | >             | >        | ٧  |            |                 |                     |          |        |   | 59       |                 |          |          |          |          |               |         |                                |       |              | 109      |          |                 |          |          |          |           |               | П        | П        |
|                 | 10       | ٧            | ٧        | ٧             | >        | ٧  |            |                 |                     |          |        |   | 60       |                 |          |          |          |          |               |         |                                |       |              | 110      |          | П               |          |          |          |           |               | П        |          |
|                 | 11       | V            | ٧        | ٧             | <b>V</b> | V  |            | Г               |                     |          |        |   | 61       |                 |          |          |          |          |               | 1       | $\top$                         |       |              | 111      |          |                 |          |          |          |           |               |          | $\Box$   |
|                 | 12       | V            | ٧        | V             | V        | V  |            | Г               |                     | $\neg$   |        |   | 62       |                 | 寸        | 寸        | 寸        | 寸        | $\top$        | $\top$  |                                |       |              | 112      |          | П               |          |          |          |           |               | $\dashv$ | 一        |
|                 | 13       | V            | V        | V             | V        | V  |            | Γ               | П                   | $\neg$   |        |   | 63       | $\sqcap$        | $\dashv$ | $\dashv$ | $\dashv$ | 7        | $\neg$        | 1       |                                |       |              | 113      | П        | П               | $\neg$   |          |          | П         | $\Box$        | $\dashv$ | $\dashv$ |
|                 | 14       | Ė            | v        | v             | v        | v  | 1          | 1               | $\Box$              | $\neg$   |        |   | 64       | $\vdash$        | $\dashv$ | -        | _        | -        | +             | $\top$  | $\top$                         |       |              | 114      | П        | H               | -        | Н        |          | Н         | $\vdash$      | _        | $\dashv$ |
|                 | 15       | <del> </del> | v        | v             | Ÿ        | v  | $\vdash$   | ┢               | $\vdash$            | $\dashv$ |        | H                                       | 65       | Н               | $\dashv$ | 十        | -        | $\dashv$ | $\dashv$      | +       | +                              |       |              | 115      | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          |          | Н         | -             | $\dashv$ | $\dashv$ |
| $\vdash$        | 16       | _            | Ÿ        | v             | Ÿ        | v  | ┢          | <del> </del>    | $\vdash$            | $\dashv$ |        |   | 66       | $\vdash$        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +       | +-                             |       |              | 116      | -        | $\vdash$        | -        |          |          | _         | $\vdash$      | $\dashv$ | $\neg$   |
| <b>—</b>        | 17       | -            | ř        | Ť             | ۲        | Ť  | ├          |                 | H                   | $\dashv$ |        |   | 67       | ┨               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +       | ┰                              |       |              | 117      | ⊢        | Н               | -        |          |          |           | $\dashv$      | $\dashv$ | -        |
| $\vdash$        | 18       | ├-           | -        | _             | ⊢        | <del>                                     </del> | ⊢          | -               | ⊢                   | $\dashv$ |        |   |          | $\vdash$        | $\dashv$ | $\dashv$ | +        |          | +             |         | +                              |       |              | 117      | _        | $\vdash$        | $\dashv$ | _        |          | -         |               | $\dashv$ |          |
| $\vdash$        |          | ⊢            | $\vdash$ |               | ⊢        | ├  | <u> </u>   |                 |                     | ᅴ        |        |   | 68       | <del>-</del>    |          | -        | -        |          | +             | +       | $\perp$                        |       |              | 118      |          | $\vdash$        | $\dashv$ | _        |          |           | _             |          | _        |
|                 | 19       | <u> </u>     | <u> </u> | _             |          | ⊢  | ⊢          | <u> </u>        | ₩                   | _        |        |   | 69       | Ш               |          | 4        | 4        | _        | _             |         |                                |       |              | 119      | L_       | Ш               | _        |          |          |           | $\sqcup$      | $\dashv$ | Щ        |
|                 | 20       |              |          |               |          | <u> </u>   | ļ          |                 | $\sqcup$            | _        |        |   | 70       | Ш               | _        | $\dashv$ | 4        | _        |               |         | $\perp$                        |       |              | 120      |          |                 |          |          |          |           |               |          |          |
|                 | 21       |              |          |               |          | <u> </u>   | <u> </u>   |                 |                     |          |        |   | 71       | Ш               |          | $\perp$  | $\perp$  |          |               |         | $\perp$                        |       |              | 121      |          |                 |          |          |          |           |               |          |          |
|                 | 22       | <u> </u>     |          |               |          | L  |            |                 |                     |          |        |   | 72       |                 |          |          |          |          | $\perp$       | $\perp$ |                                |       |              | 122      |          |                 |          |          |          |           |               |          |          |
| L               | 23       | L            |          |               |          |  |            |                 |                     |          |        |   | 73       |                 |          |          |          | _        |               |         |                                |       |              | 123      |          |                 |          |          |          |           |               |          |          |
|                 | 24       |              |          |               |          |  |            |                 |                     |          |        |   | 74       |                 |          |          |          |          |               |         |                                |       |              | 124      |          |                 |          |          |          |           |               |          |          |
|                 | 25       |              |          |               |          |  | •          |                 |                     |          |        |   | 75       |                 | П        | П        |          | T        |               |         |                                |       |              | 125      |          |                 |          |          |          |           |               |          |          |
|                 | 26       |              |          |               |          |  | Г          |                 |                     |          |        |   | 76       | П               |          |          | $\neg$   | ヿ        |               |         | $\top$                         |       |              | 126      |          |                 |          |          |          |           |               | $\neg$   | $\neg$   |
|                 | 27       |              |          |               |          |  | П          |                 |                     |          |        |   | 77       | П               | 一        | $\top$   |          |          |               |         |                                |       |              | 127      | -        |                 |          |          |          |           |               | $\neg$   | П        |
|                 | 28       |              |          |               |          |  |            |                 |                     |          |        |   | 78       |                 | 寸        | 寸        | $\dashv$ | _        | $\neg$        | $\top$  | $\sqcap$                       |       |              | 128      |          | $\Box$          | T        |          |          |           |               | ヿ        |          |
|                 | 29       |              |          | _             |          |  |            |                 | $\Box$              |          |        |   | 79       |                 |          | 寸        | $\dashv$ |          | _             | $\top$  | 1-1                            |       |              | 129      |          | Н               | 一        |          |          |           |               | $\neg$   | $\neg$   |
|                 | 30       |              | -        |               | $\vdash$ |  | Н          | $\vdash$        | $\Box$              | $\neg$   |        |   | 80       | 1               | $\neg$   | $\dashv$ | $\dashv$ | -        | -             |         | +                              |       |              | 130      |          | 1               | $\dashv$ | $\dashv$ | _        | _         |               | $\dashv$ | $\dashv$ |
|                 | 31       |              |          |               |          | $\vdash$   |            |                 | -                   |          |        |   | 81       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | +                              |       |              | 131      |          | $\vdash$        | $\dashv$ |          |          |           | $\vdash$      | $\dashv$ | -        |
| $\vdash$        | 32       |              |          |               | _        | -  | Н          |                 | $\vdash$            | $\dashv$ |        | $\vdash$                                | 82       | $\vdash$        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | +             | +       | +                              |       |              | 132      | Н        | $\vdash$        | -        | $\dashv$ | _        | $\vdash$  | -             |          | $\dashv$ |
| H               | 33       | _            | $\vdash$ | -             |          | ┢  | $\vdash$   |                 | $\vdash$            | $\dashv$ |        |   | 83       | $\vdash$        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | +             | ╅       | +                              |       |              | 102      | Н        | Н               |          | $\dashv$ | -        | $\vdash$  | -             | -        | -        |
| $\vdash$        | 34       | $\vdash$     | Н        | -             |          | $\vdash$   | $\vdash$   | -               | ┥                   | $\dashv$ |        |   |          | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | +             | - -     | +                              |       |              | 133      | Н        | $\vdash$        | $\dashv$ | -        | $\dashv$ | щ         | -             | $\dashv$ | $\dashv$ |
| $\vdash$        |          | $\vdash$     | Н        |               |          | ┢  | $\vdash$   | $\vdash$        | $\vdash$            | $\dashv$ |        |   | 84       | $\vdash \vdash$ | +        | +        | +        | $\dashv$ | +             | +       | +                              |       |              | 134      | Н        | $\vdash$        |          | -        |          | <b>  </b> |               |          | $\dashv$ |
| $\vdash \vdash$ | 35       | <u> </u>     | $\vdash$ |               |          | $\vdash$   |            | $\vdash$        | $\vdash$            | $\dashv$ |        |   | 85       | $\vdash \vdash$ | +        | +        | +        | $\dashv$ | _             | -       | +                              |       |              | 135      | Ш        | $\vdash \vdash$ | _        | _        | _        |           |               | 4        | _        |
| <b>—</b>        | 36       | <u> </u>     |          | $\square$     |          | <u> </u>   |            | Н               | $\vdash \downarrow$ | $\dashv$ |        | <b>  </b>                               | 86       | $\sqcup$        | 4        | +        | $\dashv$ | 4        | +             |         | 4-4                            |       |              | 136      | Щ        | $\sqcup$        |          |          |          | Щ         | $\dashv$      | _        | _        |
| <u> </u>        | 37       | Щ            | Ш        | Щ             |          | <u> </u>   | _          | Щ               | $\sqcup$            | _        |        |   | 87       | Ш               | 4        | _        | _        | _        | $\perp$       | 1       | 4                              |       |              | 137      | Щ        | Ш               |          |          |          | Ш         |               |          | $\Box$   |
| $\square$       | 38       | $\sqcup$     | Ш        |               |          | L  |            | Щ               | $\sqcup$            |          |        |   | 88       | Ш               | $\dashv$ | $\perp$  | $\perp$  | $\perp$  | $\perp$       | $\perp$ | $\perp$                        |       |              | 138      |          |                 |          |          |          |           |               | $\Box$   | $\Box$   |
|                 | 39       | Ш            | Ш        |               |          | <u> </u>   |            |                 | Ш                   |          |        |   | 89       |                 |          |          | $\perp$  | $\perp$  | $\perp$       |         | $oldsymbol{oldsymbol{\sqcup}}$ |       |              | 139      |          | ot              |          |          | ]        |           |               | [        |          |
| L               | 40       |              |          |               |          | _  |            | $\Box$          |                     | ]        |        |   | 90       | Ш               |          |          |          | [        |               |         |                                |       |              | 140      |          |                 |          |          |          |           |               |          |          |
|                 | 41       |              |          |               |          |  |            |                 |                     |          |        |   | 91       |                 |          | $\Box$   |          |          | $\Box \Gamma$ | $\Box$  |                                |       |              | 141      |          |                 |          |          |          |           |               | $\Box$   |          |
|                 | 42       |              |          |               |          |  |            |                 |                     | ╗        |        |   | 92       |                 | T        | $\Box$   | Т        | $\neg$   | Т             | T       |                                |       |              | 142      |          |                 | ヿ        |          |          |           |               | $\neg$   | $\neg$   |
|                 | 43       |              |          |               |          |  |            |                 | П                   | $\neg$   |        |   | 93       |                 |          |          |          | $\dashv$ | T             |         | $\top$                         |       |              | 143      | П        |                 | 一        | $\neg$   |          |           |               | ヿ        | $\neg$   |
|                 | 44       |              | П        |               |          | Г  |            | П               | П                   | ᅱ        |        |   | 94       | ΠÌ              |          | 7        | 十        | $\top$   | 十             | $\top$  | $\top$                         |       |              | 144      |          | $\Box$          | _        |          | $\neg$   | П         | $\dashv$      | $\dashv$ | $\dashv$ |
|                 | 45       |              | П        |               |          | IТ   | Г          | М               |                     | ᅥ        |        |   | 95       | H               | _        | 7        | 十        | $\dashv$ | 十             | $\top$  | $\top$                         |       |              | 145      | Н        | $\dashv$        | $\dashv$ | $\neg$   | $\neg$   | Н         | $\dashv$      | $\dashv$ | $\dashv$ |
| $\vdash$        | 46       | $\vdash$     | П        | $\neg$        | _        | T  | $\vdash$   | $\vdash$        | $\vdash$            | $\dashv$ |        |   | 96       | H               | $\dashv$ | +        | -+       | $\dashv$ | +             | +       | 17                             |       |              | 146      | Н        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$  | $\dashv$      | 一        | $\dashv$ |
| $\vdash \dashv$ | 47       |              | $\dashv$ | $\dashv$      | _        |  | $\vdash$   | Н               | $\vdash$            | $\dashv$ |        | $\vdash$                                | 97       |                 | +        | 十        | +        | $\dashv$ | +             | +       | +                              |       |              | 147      | $\vdash$ | $\vdash$        | ᅦ        | $\dashv$ | $\dashv$ | $\vdash$  | +             | $\dashv$ | $\dashv$ |
| $\vdash \dashv$ | 48       | H            | $\vdash$ | _             |          | -  | $\vdash$   | $\vdash \vdash$ |                     | ᅱ        |        |   | 98       | $\vdash$        | +        | $\dashv$ | $\dashv$ | +        |               | +       | +                              |       |              | 148      | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$  | $\dashv$      | $\dashv$ | $\dashv$ |
| <del></del>     | 49       |              | $\vdash$ | $\dashv$      |          | $\vdash$   | -          | Н               | <del>   </del>      | $\dashv$ |        | $\vdash$                                | 99       | ├─┼             | $\dashv$ | +        | $\dashv$ | -+       | +             | +       | ╁┤                             |       |              | 149      | $\dashv$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |           | -             | $\dashv$ | $\dashv$ |
| $\vdash$        | 50       |              | $\vdash$ | $\dashv$      |          | $\vdash$   | Н          | $\vdash$        | ├┼                  |          |        |   | 100      | $\vdash$        | $\dashv$ | +        | +        | $\dashv$ | +             | +       | +                              |       |              |          | $\vdash$ | $\vdash$        | -        |          |          |           | -+            | -        | $\dashv$ |
|                 | อบ       |              |          |               |          | ᆫ  | $\Box$     |                 |                     |          | :::::[ | لــــــــــــــــــــــــــــــــــــــ | 100      | $\sqcup \bot$   |          |          |          |          |               |         | $\perp$                        | ::::: |              | 150      |          |                 |          |          |          |           |               |          |          |